

REMARKS/ARGUMENTS

Pending claims 1, 2, 8, and 11 stand rejected under 35 U.S.C. §102(b) over U.S. Patent No. 5,600,066 (Torregrosa). Applicants respectfully traverse the rejection. With regard to amended claim 1, Torregrosa does not disclose an input block that is coupled to apply a first signal to a common input terminal during a first clock phase of a first clock and a second signal during a second clock phase of a second clock. For at least this reason, claim 1 and claims 2 and 8 depending therefrom are patentable over Torregrosa. Independent claim 11 is patentable over Torregrosa, for at least the same reasons discussed above regarding claim 1.

Pending claims 5-7, 10, 16-18 and 25-30 stand rejected under 35 U.S.C. §103(a) over Torregrosa in view of U.S. Patent No. 5,528,520 (Kemp). Applicants respectfully traverse the rejection. With respect to claim 5, neither Kemp nor Torregrosa teaches or suggests a converting block that provides a first output signal and a second output signal. In this regard, neither Kemp nor Torregrosa includes an operational amplifier or other circuitry that provides a differential output. As to claim 6, neither does Torregrosa or Kemp teach or suggest that the converting block is configured to compare the first and second output signals and provide an output signal. Accordingly, claims 5-7 are patentable over the proposed combination.

Dependent claim 10 is further patentable, as neither reference teaches or suggests a storage unit to store one or more voltage values to apply to first and second input capacitors. Claims 16-18 are patentable for the same reasons discussed regarding claims 5-7.

Independent claim 25 is patentable over the proposed combination, as neither reference teaches or suggests a control unit to provide a control signal to a deployment block. Clearly, Torregrosa does not. Nor does Kemp. Instead, Kemp merely teaches that the output of its sensing circuit may be provided to processing circuitry. There is no discussion in Kemp of controlling a deployment block with a control signal from a control unit. Accordingly, for at least this reason, claim 25 and claims 26-30 depending therefrom are patentable over the proposed combination.

New claims 31-36 are patentable, at least for the reasons discussed above regarding independent claims 1, 11 and 25, from which they depend.

In view of these remarks, the application is believed to be in condition for allowance and the Examiner's prompt action in accordance therewith is respectfully requested. The

Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 20-1504.

Respectfully submitted,

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Mark J. Rozman
Registration No. 42,117
TROP, PRUNER & HU, P.C.
8554 Katy Freeway, Suite 100
Houston, Texas 77024-1805
(512) 418-9944 [Phone]
(713) 468-8883 [Fax]



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